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## AMENDMENTS TO THE CLAIMS

- 1. (Original) A biologically active substance-immobilized device, which comprises a base particle comprising a core particle and an organic compound having two or more hydrophilic groups and immobilized on the core particle by a chemical bond and a biologically active substance bonded to the base particle via the organic compound.
- 2. (Currently amended) The device according to claim 1, which is used monodispersed in an aqueous medium.
- 3. (Currently amended) The device according to claim 1-or-2, wherein the base particle has an average particle diameter of 0.01 to 100  $\mu$ m.
- 4. (Currently amended) The device according to any one of claims 1 to 3 claim 1, wherein the base particle has a spherical or substantially spherical shape.
- 5. (Currently amended) The device according to any one of claims 1 to 4claim 1, wherein at least one of CV<sub>b</sub> ratio and CV<sub>c</sub> ratio defined by the following equations is 0.6 to 3.0:

 $CV_b$  ratio =  $CV_1/CV_3$ 

 $CV_c$  ratio =  $CV_2/CV_3$ 

 $CV_1$  = (Standard deviation of core particle diameter/Average core particle diameter) x 100

 $CV_2$  = (Standard deviation of base particle diameter/Average base particle diameter) x 100

 $CV_3$  = (Standard deviation of device diameter/average device particle diameter) x 100

- 6. (Currently amended) The device according to any one of claims 1 to 5claim 1, wherein the core particle and the biologically active substance are bonded by a reaction with a functional group selected from the group consisting of carbodiimide group, ester group, carbonate group, epoxy group and oxazoline group.
- 7. (Currently amended) The device according to any one of claims 1 to 6claim 1, wherein the organic compound is a compound represented by the following formula:

$$A_x$$
- $(R-X)_n$ - $R$ - $A_y$   $(I)$ 

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wherein  $A_x$  and  $A_y$  independently represent a segment having a functional group that exhibits hydrophilicity and may be identical or different, R independently represents an organic group of two or more valences, X independently represents carbodiimide group, epoxy group or oxazoline group, and n is an integer of 2 to 80, preferably 2 to 40.

- 8. (Currently amended) The device according to any one of claims 1 to 7claim 1, wherein the biologically active substance is selected from a nucleic acid, protein, hapten and saccharide.
- 9. (Currently amended) The device according to any one of claims 1 to 8claim 1, which is for detecting or measuring a second biologically active substance contained in a sample by using a specific bond of the biologically active substance and the second biologically active substance in the sample.
- 10. (Currently amended) The device according to any one of claims 1 to 8claim 1, wherein the biologically active substance is an agent for therapeutic treatment of a disease.
  - 11. (New) The device according to claim 7, wherein n is an integer of 2 to 40.
- 12. (New) A method of detecting or measuring a second biologically active substance in a sample comprising the step of binding the second biologically active substance to the biologically active substance bound to the base particle in the device of claim 1.